

# HH family (Goossens et al. 1972)

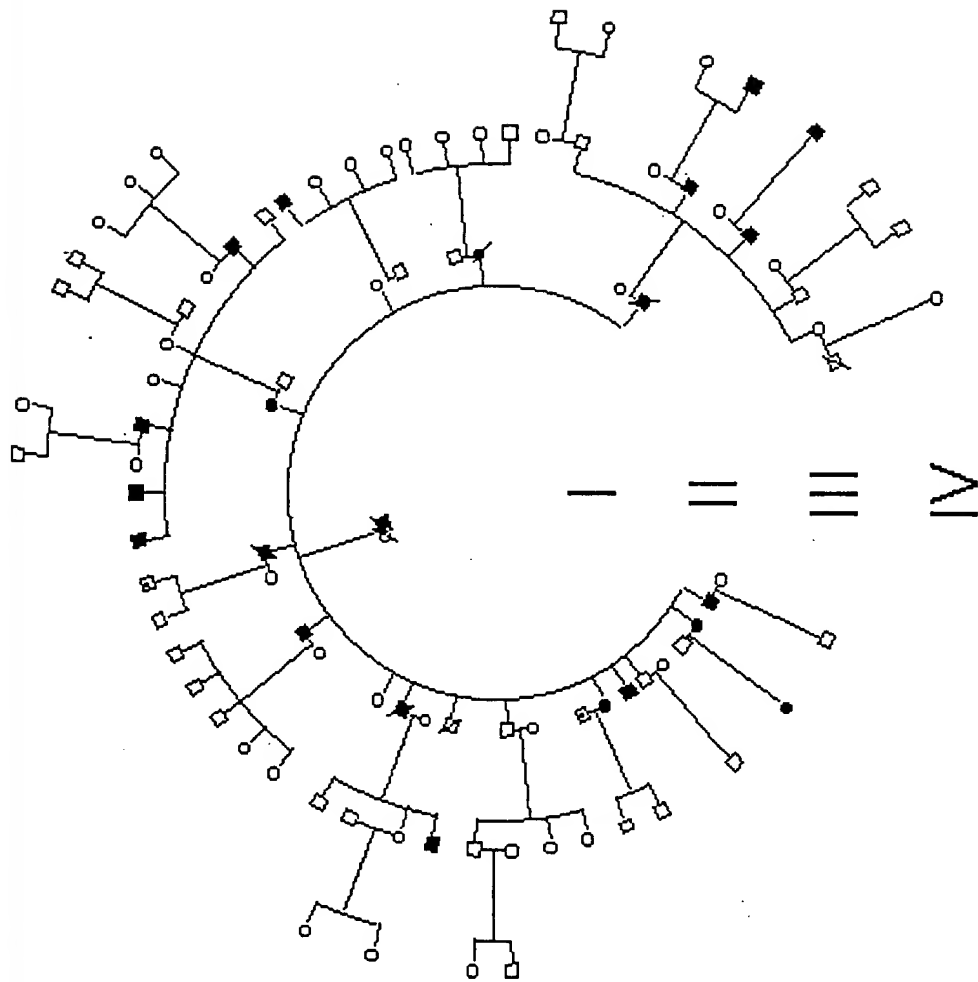
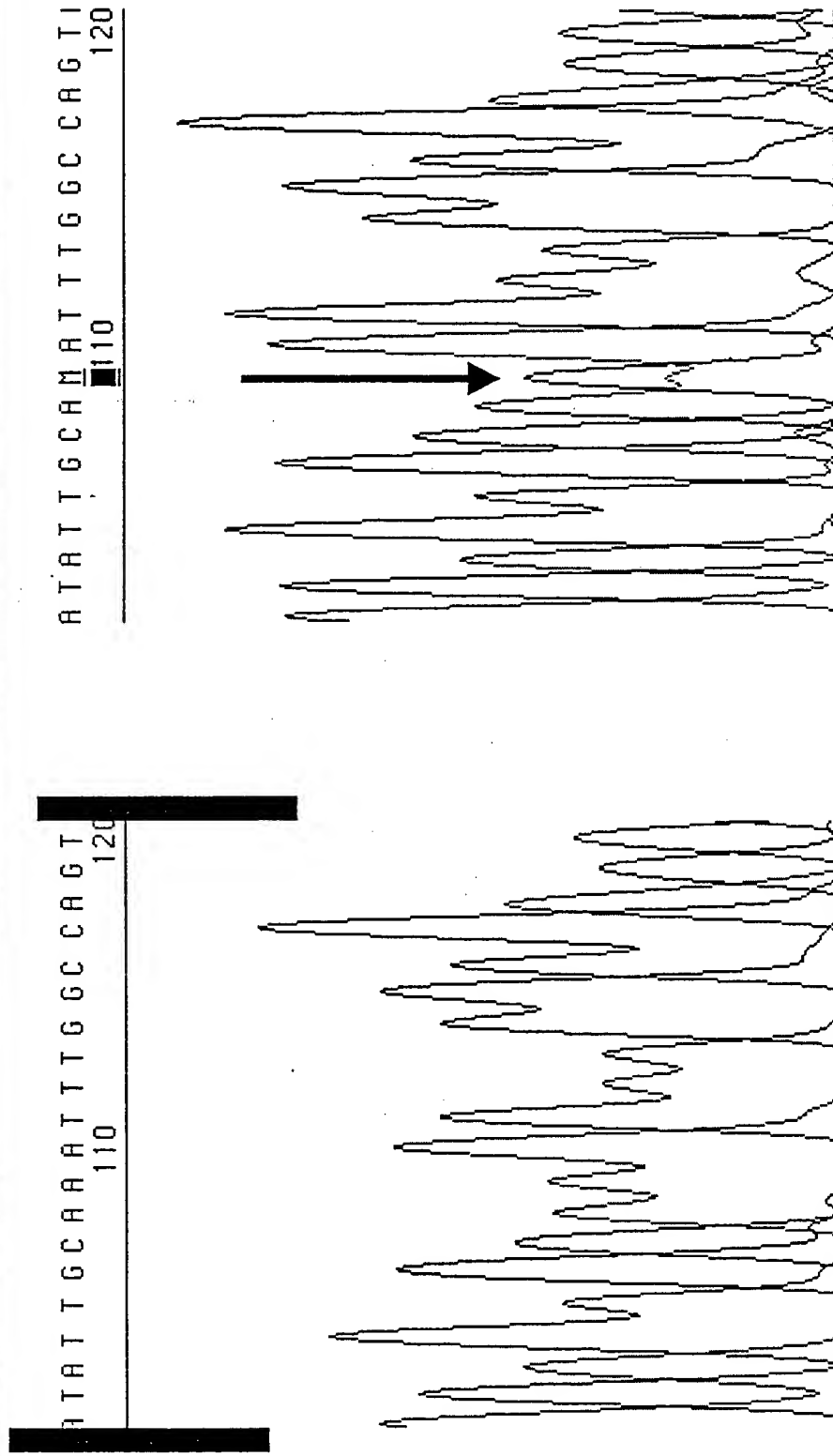


Fig. 1

## A circular black and white stamp. The outer ring contains the text "OFFICE OF THE" at the top and "PATENT &amp; TRADEMARK OFFICER" at the bottom. In the center, the date "OCT 23 2003" is stamped.

Fig. 2

# A734C (N144H)



Control

Patient

Fig. 3



## Amino acid conservation

H

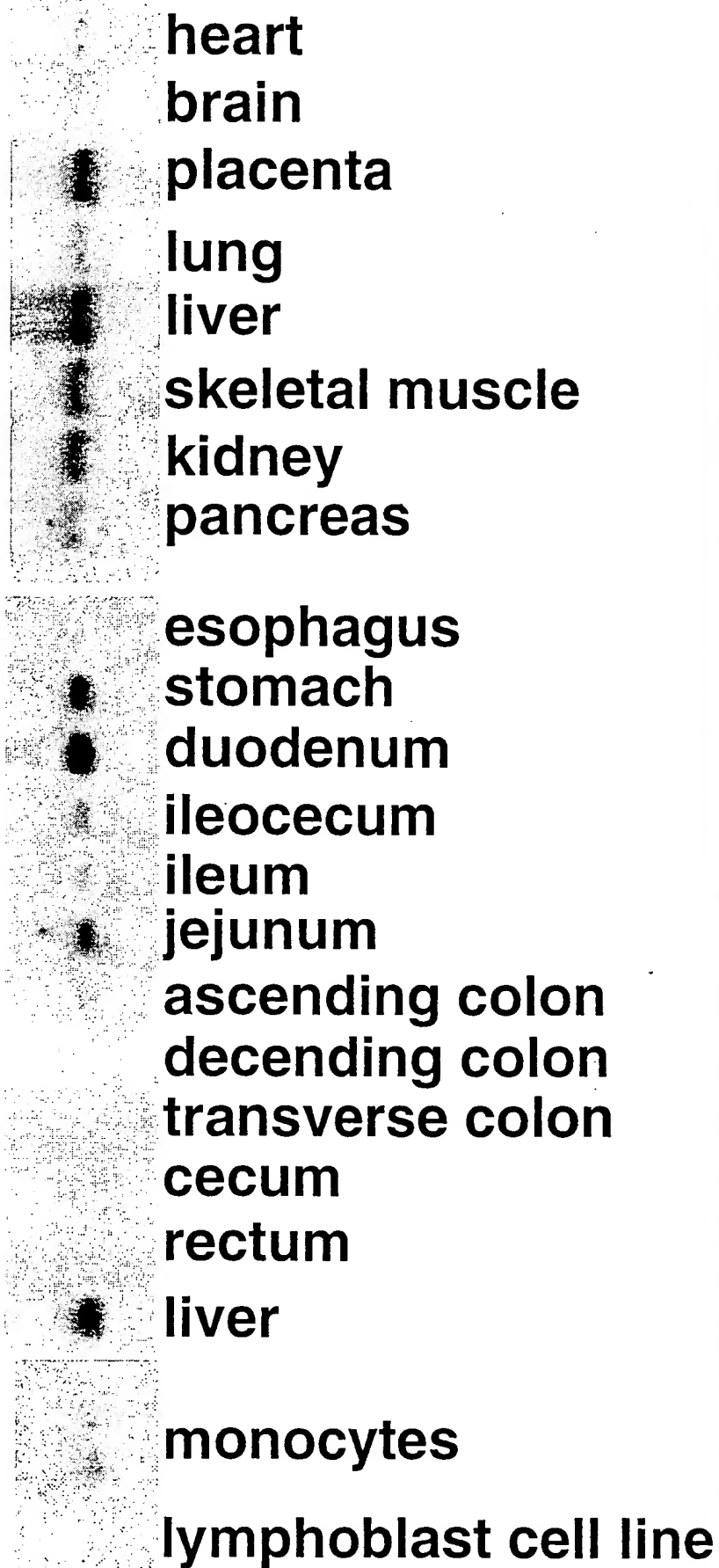


ferroportin1 (Human)	LLTMYHGWVLTSCYILIIITIANIA LASTATAITTIQRDMIVVWAGE
ferroportin1 (Mouse)	LLTMYHGWVLTVCYILIIITIANIANLASTATAITTIQRDMIVVWAGE
cell adhesion regulator (Rat)	LLNMYHGWVLTVCYILIIITIANIANLASTATAITTIQRDMIVVWAGE
ferroportin1 (Zebra fish)	LSSMYDGLLTTCYIMVISIANIANLASTAMSIITTIQRDMIVVWAGD
Vitolegins II precursor (Chicken)	MMACAVIFETRPALALITITIANVAMKESNMQVASFVYSHMKSLSKS
MNTH (E coli)	GSRQQRYSATKWDVALAMTLAGFYNLAMWATAAAAFHFSGHTGVAD
MNTH (M tuberculosis)	PQRRRLRVTRWDVGLAMLTAGGVNEMLLVAAINMRGRGDTASIE

Fig. 4



Fig. 5



FPN1 mRNA expression

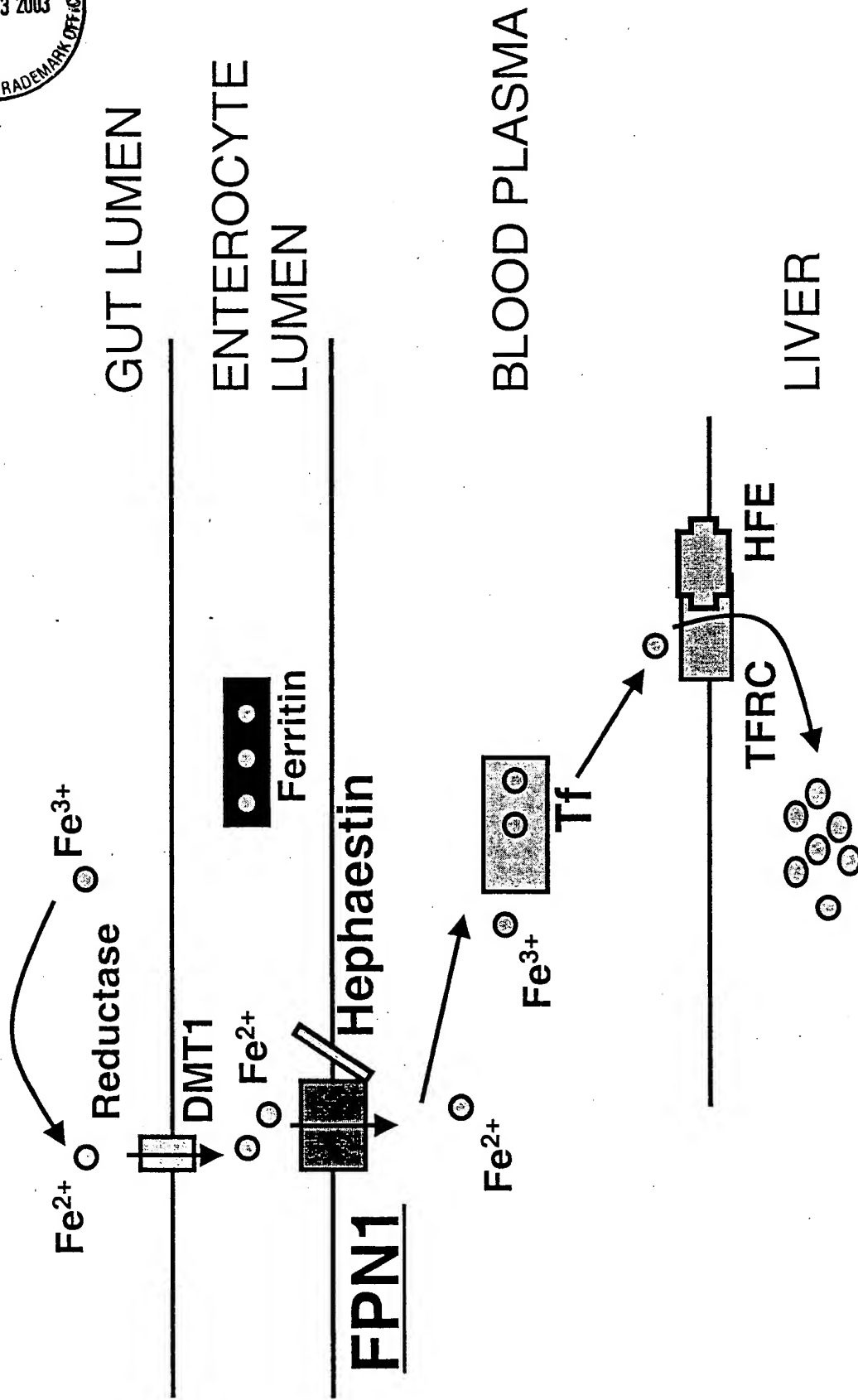


Fig. 6